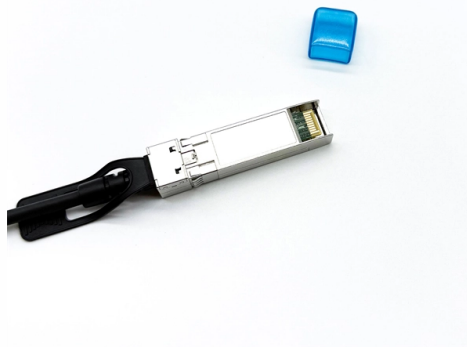


Revit cable tray fabrication



Summary of Content

Cable trays in Revit must be modeled using fabrication parts for detailed, fabrication-ready designs, as automatic conversion from standard families is not supported.

Overview of Fabrication Parts

In Revit, fabrication parts provide a more realistic representation of services, including fittings, supports, and hangers, which is essential for manufacturing and construction documentation. Unlike ducting or piping, cable trays cannot be automatically converted from generic Revit families to fabrication parts; you must remodel the routes using fabrication parts manually.

Modeling Cable Trays

Horizontal and Vertical Placement

- Horizontal cable trays can be placed along walls or ceilings using standard Revit MEP tools. You can modify fittings to fit tight spaces as needed.
- Vertical cable trays require the Revit MEP Fabrication extension. Draw the tray in plan, then use a section or elevation view to rotate it vertically using the rotate tool.

Fittings and Supports

- Fabrication parts allow you to include elbows, tees, reducers, and supports that match real-world installation requirements.
- Each fitting can be adjusted to fit tight spaces or complex routing scenarios, ensuring accurate fabrication documentation.

Workflow for Fabrication-Ready Cable Trays

Article Content

Working with Revit Cable Tray Fabrication Parts

In this video we discuss how Revit cable trays are modelled to fabrication parts detail.

Custom Cable Tray Profile

What I'd like to be able to do, is to define a profile for the Cable Tray System Family, and still maintain the ability to

Cable trays

Download free Revit families and CAD files for the Cable trays from OBO Bettermann on MEPcontent.

How to create complex cable tray types in Revit

How to create complex cable tray types, such as complex rung type. Cable tray is system family and can only modify

Cable Tray Revit Families - Download Free Cable Tray BIM Content ...

Download cable tray BIM objects with BIMsmith Market. Cable trays help keep complex technology systems safe and secure without

Cable Tray and Conduit

Add Cable Tray Fittings As you draw cable tray, Revit automatically adds fittings. Use the following procedure to manually add cable

Solved: Cable Tray Elbow

Solved: Good day, In need to create an elbow that starts at a right angle and that has the ability adopt the angle of the

How to create vertical cable tray in Revit

How to create a vertical cable tray in Revit to match the one shown in the image: This can be done with the free Revit

Working with Revit Cable Tray Fabrication Parts

While it is possible to convert ducting and piping to fabrication parts, it is not the case for electrical cable trays. You

Free download! Cable Trays and Horizontal Racks

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